

**GRAYS LAKE LIFT STATION - SOUTH OPTION**  
**PRELIMINARY ESTIMATE OF COST**

March 11, 2009

NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization	LS	1	\$30,800.00	\$30,800.00
2	Traffic Control	LS	1	\$2,000.00	\$2,000.00
3	Construction Staking	LS	1	\$3,000.00	\$3,000.00
4	Clearing and Grubbing	LS	1	\$14,400.00	\$14,400.00
5	Dewatering	LS	1	\$40,000.00	\$40,000.00
6	Bypass Pumping	LS	1	\$8,000.00	\$8,000.00
7	Silt Fencing	LF	1150	\$5.50	\$6,325.00
8	12" Sanitary Sewer, Installed	LF	240	\$110.00	\$26,400.00
9	8" Force Main, Installed	LF	110	\$55.00	\$6,050.00
10	Install 48" Sanitary Manhole	EA	2	\$3,600.00	\$7,200.00
11	Boring and Encasement (12" Sewer)	LF	40	\$325.00	\$13,000.00
12	Connection to Existing Manhole	EA	1	\$2,000.00	\$2,000.00
13	Trench Backfill - Aggregate	Tons	105	\$30.00	\$3,150.00
14	Video Inspection	LF	240	\$3.00	\$720.00
15	Erosion Control	LS	1	\$7,400.00	\$7,400.00
16	Seeding and Mulching	Acre	2	\$3,500.00	\$7,000.00
17	Pump Station and Equipment	LS	1	\$880,000.00	\$880,000.00
	<b>SUBTOTAL</b>				<b>\$1,057,445.00</b>
	20% Contingencies				\$211,489.00
	<b>TOTAL CONSTRUCTION ESTIMATE</b>				<b>\$1,268,934.00</b>

**PRINCIPAL PARK - WEST OPTION  
PRELIMINARY OPINION OF CONSTRUCTION COST**

4/14/2009

NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization	LS	1	\$19,280.00	\$19,280.00
2	Construction Staking	LS	1	\$5,000.00	\$5,000.00
3	Clearing and Grubbing	LS	1	\$3,000.00	\$3,000.00
4	Dewatering	LS	1	\$20,000.00	\$20,000.00
5	Bypass Pumping	LS	1	\$6,000.00	\$6,000.00
6	Sidewalk Removal and Replacement	SF	1000	\$7.00	\$7,000.00
7	Silt Fencing	LF	700	\$5.50	\$3,850.00
8	8" Sanitary Sewer (12' - 14' Deep)	LF	150	\$80.00	\$12,000.00
9	8" Sanitary Sewer (Directionally Drilled)	LF	320	\$175.00	\$56,000.00
10	12" Sanitary Sewer (18' - 20' Deep)	LF	220	\$110.00	\$24,200.00
11	Remove Existing Manhole	EA	2	\$3,000.00	\$6,000.00
12	Plug Existing 3' x 4' Sewer	EA	4	\$3,500.00	\$14,000.00
13	Install 48" Sanitary Manhole	EA	5	\$3,600.00	\$18,000.00
14	Connection to Ex. Sewer Main	EA	2	\$3,000.00	\$6,000.00
15	15" Storm Sewer (RCP), Installed	LF	40	\$70.00	\$2,800.00
16	15" FES (RCP) w/Toe Wall, Installed	EA	1	\$1,750.00	\$1,750.00
17	Rock Rip Rap Modification	LS	1	\$2,000.00	\$2,000.00
18	Install Storm Sewer Manhole	EA	1	\$2,900.00	\$2,900.00
19	Connect to Existing Storm Sewer	EA	1	\$3,000.00	\$3,000.00
20	Trench Backfill - Aggregate	Tons	190	\$30.00	\$5,700.00
21	Video Inspection	LF	690	\$3.00	\$2,070.00
22	Seeding and Mulching	LS	1	\$3,500.00	\$3,500.00
23	Pump Station and Equipment	LS	1	\$430,000.00	\$430,000.00
24	6" Force Main, Installed	LF	33	\$40.00	\$1,320.00
25	Connection to WRA Structure	LS	1	\$5,000.00	\$5,000.00
26	Landscaping of Lift Station	LS	1	\$1,500.00	\$1,500.00
	SUBTOTAL				\$661,870.00
	20% Contingencies				\$132,330.00
	<b>TOTAL CONSTRUCTION ESTIMATE</b>				<b>\$794,200.00</b>

**MURPHY STREET (5TH TO 7TH STREET)**  
**PRELIMINARY OPINION OF CONSTRUCTION COST**  
4/14/2009

NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization	LS	1	\$12,720.00	\$12,720.00
2	Traffic Control	LS	1	\$10,000.00	\$10,000.00
3	Construction Staking	LS	1	\$8,000.00	\$8,000.00
4	Dewatering	LS	1	\$10,000.00	\$10,000.00
5	Bypass Pumping	LS	1	\$6,000.00	\$6,000.00
6	Subgrade Preparation	SY	1900	\$3.00	\$5,700.00
7	Pavement Removal & Replacement	SY	1900	\$70.00	\$133,000.00
8	C & G Removal & Replacement	LF	750	\$40.00	\$30,000.00
9	Silt Fencing	LF	800	\$5.50	\$4,400.00
10	6" Sewer Service Line	LF	210	\$75.00	\$15,750.00
11	Service Connection to Main Sewer	EA	2	\$2,250.00	\$4,500.00
12	Connection to Ex. Service Lines	EA	2	\$1,500.00	\$3,000.00
13	8" Sanitary Sewer (8' - 10' Deep)	LF	360	\$75.00	\$27,000.00
14	Remove Existing Manhole	EA	3	\$2,000.00	\$6,000.00
15	Plug Existing 48" Sewer	EA	8	\$3,500.00	\$28,000.00
16	Abandon Lower Portion of Manhole	EA	1	\$500.00	\$500.00
17	Install 48" Sanitary Manhole	EA	3	\$3,600.00	\$10,800.00
18	Connection to Ex. Sewer Main	EA	4	\$3,000.00	\$12,000.00
19	15" Storm Sewer (RCP), Installed	LF	60	\$70.00	\$4,200.00
20	30" Storm Sewer (RCP), Installed	LF	415	\$100.00	\$41,500.00
21	Remove Existing Storm Sewer	LF	210	\$40.00	\$8,400.00
22	Remove Existing Storm Sewer Inlets	EA	6	\$1,200.00	\$7,200.00
23	Install Storm Sewer Inlets	EA	6	\$2,500.00	\$15,000.00
24	Connect to Existing Storm Sewer	EA	3	\$2,500.00	\$7,500.00
25	Trench Backfill - Aggregate	Tons	700	\$30.00	\$21,000.00
26	Video Inspection	LF	835	\$3.00	\$2,505.00
27	Seeding and Mulching	Acre	0.5	\$3,500.00	\$1,750.00
	SUBTOTAL				\$436,425.00
	20% Contingencies				\$87,275.00
	<b>TOTAL CONSTRUCTION ESTIMATE</b>				<b>\$523,700.00</b>

**MURPHY STREET (7TH TO 9TH STREET)**  
**PRELIMINARY OPINION OF CONSTRUCTION COST**

4/14/2009

NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	EXTENSION
1	Mobilization	LS	1	\$6,240.00	\$6,240.00
2	Traffic Control	LS	1	\$8,000.00	\$8,000.00
3	Construction Staking	LS	1	\$4,000.00	\$4,000.00
4	Clearing and Grubbing	LS	1	\$2,000.00	\$2,000.00
5	Dewatering	LS	1	\$10,000.00	\$10,000.00
6	Bypass Pumping	LS	1	\$6,000.00	\$6,000.00
7	Pavement Removal & Replacement	SY	400	\$70.00	\$28,000.00
8	Silt Fencing	LF	800	\$5.50	\$4,400.00
9	8" Sanitary Sewer (16' - 18' Deep)	LF	435	\$85.00	\$36,975.00
10	Boring and Encasement (8" Sewer)	LF	105	\$325.00	\$34,125.00
11	Remove Existing Manhole	EA	5	\$2,000.00	\$10,000.00
12	Plug Existing 48" Sewer	EA	10	\$3,500.00	\$35,000.00
13	Install 48" Sanitary Manhole	EA	3	\$3,600.00	\$10,800.00
14	Connection to Existing Manhole	EA	1	\$2,000.00	\$2,000.00
15	Connect to Existing Sanitary Sewers	EA	3	\$3,000.00	\$9,000.00
16	Trench Backfill - Aggregate	Tons	150	\$30.00	\$4,500.00
17	Video Inspection	LF	435	\$3.00	\$1,305.00
18	Seeding and Mulching	Acre	0.5	\$3,500.00	\$1,750.00
	SUBTOTAL				\$214,095.00
	20% Contingencies				\$42,805.00
	<b>TOTAL CONSTRUCTION ESTIMATE</b>				<b>\$256,900.00</b>